

# WEST Search History

DATE: Saturday, March 08, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
	<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
L8	(424/618 or 424/619 or 514/495) and (contact lens or contact lenses)	16	L8
L7	l6 not (l5 or l2 or l1)	39	L7
L6	silver and (424/429 or 351/160R or 351/160H or 523/106 or 523/107 or 525/937 )	109	L6
L5	L4 and silver	86	L5
L4	L3 and (contact lens or contact lenses)	1695	L4
L3	(424/618 or 424/619 or 514/495 or 424/429 or 351/160R or 351/160H or 523/106 or 523/107 or 525/937 or 514/772.3 or 514/772.4 or 514/772.6 )	4060	L3
L2	(424/618 or 424/619 or 514/495) and (424/429 or 351/160R or 351/160H or 523/106 or 523/107 or 525/937 or 514/772.3 or 514/772.4 or 514/772.6 )	12	L2
L1	(424/618 or 424/619 or 514/495) and (424/429 or 351/160R or 351/160H or 523/106 or 523/107 or 525/937)	4	L1

END OF SEARCH HISTORY

## WEST Search History

DATE: Saturday, March 08, 2003

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

L9	l3 and (propenamide near5 bis near5 dithiodi\$10 near5 ethanediyl or bisacrylylcystamine or cystaminebisacrylamide or bis acrylylcystamine or bis acrylyl cystamine or bisacrylyl cystamine or bisacryloylcystamine or bis acryloyl cystamine or bisacryloyl cystamine or cystamine bis acrylamide or cystaminebis acrylamide or cystamine bisacrylamide)	3	L9
L8	(424/618 or 424/619 or 514/495) and (contact lens or contact lenses)	16	L8
L7	L6 not (L5 or L2 or L1)	39	L7
L6	silver and (424/429 or 351/160R or 351/160H or 523/106 or 523/107 or 525/937 )	109	L6
L5	L4 and silver	86	L5
L4	L3 and (contact lens or contact lenses)	1695	L4
L3	(424/618 or 424/619 or 514/495 or 424/429 or 351/160R or 351/160H or 523/106 or 523/107 or 525/937 or 514/772.3 or 514/772.4 or 514/772.6 )	4060	L3
L2	(424/618 or 424/619 or 514/495) and (424/429 or 351/160R or 351/160H or 523/106 or 523/107 or 525/937 or 514/772.3 or 514/772.4 or 514/772.6 )	12	L2
L1	(424/618 or 424/619 or 514/495) and (424/429 or 351/160R or 351/160H or 523/106 or 523/107 or 525/937)	4	L1

END OF SEARCH HISTORY

d his

(FILE 'HOME' ENTERED AT 15:01:59 ON 08 MAR 2003)

FILE 'REGISTRY' ENTERED AT 15:02:44 ON 08 MAR 2003

L1 STRUCTURE UPLOADED

L2 55 S L1 FUL

FILE 'CAPLUS, USPATFULL' ENTERED AT 15:04:10 ON 08 MAR 2003

L3 94 S L2

L4 3 S L3 AND (LENS OR LENSES)

L5 90 DUP REM L3 (4 DUPLICATES REMOVED)

L6 4 S L3 AND SILVER

FILE 'REGISTRY' ENTERED AT 15:05:56 ON 08 MAR 2003

FILE 'CAPLUS, USPATFULL' ENTERED AT 15:05:57 ON 08 MAR 2003

L7 29 S 60984-57-8

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 15:07:21 ON 08 MAR 2003

L8 191 S PROPENAMIDE (5A) DITHIODI? (5A) ETHANEDIYL (5A) BIS OR BISACR

L9 212 S L8 OR L7

L10 6 S L9 AND (LENS OR LENSES)

=>

=> d his ful

(FILE 'HOME' ENTERED AT 15:01:59 ON 08 MAR 2003)

FILE 'REGISTRY' ENTERED AT 15:02:44 ON 08 MAR 2003

L1 STRUCTURE UPLOADED

L2 55 SEA SSS FUL L1

D 1-55

FILE 'CAPLUS, USPATFULL' ENTERED AT 15:04:10 ON 08 MAR 2003

L3 94 SEA L2

L4 3 SEA L3 AND (LENS OR LENSES)

D 1-3

D 1-3 KWIC

L5 90 DUP REM L3 (4 DUPLICATES REMOVED)

L6 4 SEA L3 AND SILVER

D 1-4

FILE 'REGISTRY' ENTERED AT 15:05:56 ON 08 MAR 2003

D L2 55

FILE 'CAPLUS, USPATFULL' ENTERED AT 15:05:57 ON 08 MAR 2003

L7 29 SEA 60984-57-8

D 1-29

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 15:07:21 ON 08 MAR 2003

L8 191 SEA PROPENAMIDE (5A) DITHIODI? (5A) ETHANEDIYL (5A) BIS OR

BISACRYLYLCYSTAMINE OR CYSTAMINEBISACRYLAMIDE OR BISACRYLYL

CYSTAMINE OR CYSTAMINE BISACRYLAMIDE OR BIS (2A) (ACRYLYLCYSTAM

INE OR ACRYLYL CYSTAMINE) OR CYSTAMINE BIS (2A) ACRYLAMIDE

L9 212 SEA L8 OR L7

L10

6 SEA L9 AND (LENS OR LENSES)

D 1-6

D 3 KWIC

D 2 KWIC

D KWIC

> d his ful

(FILE 'HOME' ENTERED AT 09:17:38 ON 08 MAR 2003)

FILE 'REGISTRY' ENTERED AT 09:19:04 ON 08 MAR 2003

L1 0 SEA N-PYRIMIDIN-2-SULFAMOYL AND PHENYL AND METHACRYLAMIDE  
L2 0 SEA PYRIMIDIN AND SULFA AND PHENYL AND METHACRYLAMIDE  
L3 0 SEA PYRIMI AND SULF AND PHENYL AND METHACRYLAMIDE  
L4 2 SEA PYRIMI? AND SULF? AND PHENYL AND METHACRYLAMIDE  
D 1-  
L\*\*\* DEL 836 S ACRYLAMIDO AND METHYL AND PROPANE AND SULFONIC ACID  
D 836  
D 835  
L\*\*\* DEL 58 S AMPS  
D 58  
L5 137 SEA 2-ACRYLAMIDO-2-METHYL-1-PROPANESULFONIC ACID  
D 137  
L6 1 SEA 15214-89-8  
L7 133 SEA L5 AND (POLYMER OR MONOMER)  
D 133  
L\*\*\* DEL 0 S L5 AND MONOMER  
L\*\*\* DEL 0 S PSPM  
L\*\*\* DEL 13 S PSPM?  
D 1-13

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 09:27:29 ON 08 MAR 2003

FILE 'REGISTRY' ENTERED AT 09:27:54 ON 08 MAR 2003

SET SMARTSELECT ON  
L8 SEL L4 1- CHEM : 6 TERMS  
SET SMARTSELECT OFF

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 09:27:57 ON 08 MAR 2003

L9 10 SEA L8/BI  
FILE 'REGISTRY' ENTERED AT 09:31:54 ON 08 MAR 2003  
SET SMARTSELECT ON  
L10 SEL L6 1- CHEM : 15 TERMS  
SET SMARTSELECT OFF

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 09:31:56 ON 08 MAR 2003

L11 67504 SEA L10/BI  
L12 68850 SEA L4 OR L5 OR L9 OR L11  
L13 233 SEA L12 AND (CONTACT LENS OR CONTACT LENSES)  
L14 21 SEA L13 AND SILVER  
L15 21 DUP REM L14 (0 DUPLICATES REMOVED)  
D 1-21  
D 21 KWIC  
D 18 KWIC  
D 8 KWIC  
L16 212 SEA L13 NOT L15  
L17 197 DUP REM L16 (15 DUPLICATES REMOVED)  
D 1-197

D 197 IALL  
D 196 KWIC  
D 196  
D 195 KWIC  
D 195  
D 194 KWIC  
D 194 IALL  
D 192 KWIC  
D 186 KWIC  
D 185 KWIC  
D 185  
D 186  
D 157 IALL  
D 153 KWIC  
D 153 IALL  
D 152 KWIC  
D 152 IALL  
D 145 IALL  
D KWIC

FILE 'REGISTRY' ENTERED AT 10:18:51 ON 08 MAR 2003

L18 STRUCTURE UPLOADED  
L19 STRUCTURE UPLOADED  
L20 STRUCTURE UPLOADED  
L21 QUE L20  
L22 STRUCTURE UPLOADED  
L23 QUE L22  
L24 50 SEA SSS SAM L22  
L25 84249 SEA SSS FUL L22

FILE 'CAPLUS, USPATFULL' ENTERED AT 10:34:48 ON 08 MAR 2003

FILE 'CAPLUS' ENTERED AT 10:35:30 ON 08 MAR 2003

L26 23329 SEA L25  
L27 2 SEA L26 AND (SILVER) AND (CONTACT LENS OR CONTACT LENSES)  
D 1-  
D IALL HITSTR  
D 2 IALL HITSTR

FILE 'USPATFULL' ENTERED AT 10:41:05 ON 08 MAR 2003

L28 6 SEA L24  
D 1-6

FILE 'CAOLD' ENTERED AT 10:41:33 ON 08 MAR 2003

L\*\*\* DEL 0 S HCAPLUS

FILE 'HCAPLUS' ENTERED AT 10:41:52 ON 08 MAR 2003

L29 23329 SEA L25  
L30 2 SEA L29 AND (SILVER) AND (LENS OR LENSES)  
L31 3 SEA L29 AND (SILVER OR AG) AND (LENS OR LENSES)  
D 1-3  
D 3 IALL

FILE 'REGISTRY' ENTERED AT 10:43:22 ON 08 MAR 2003

L32 SCREEN 970  
L33 STRUCTURE UPLOADED  
L34 QUE L33 AND L32  
L35 0 SEA SSS FUL L33 AND L32  
L36 SCREEN 970  
L37 STRUCTURE UPLOADED  
L38 QUE L37 AND L36  
L39 0 SEA SSS FUL L37 AND L36  
L40 SCREEN 970  
L41 STRUCTURE UPLOADED

L42  
L43

QUE L41 AND L40  
0 SEA SSS SAM L41 AND L40

=> d his ful

(FILE 'REGISTRY' ENTERED AT 10:43:22 ON 08 MAR 2003)

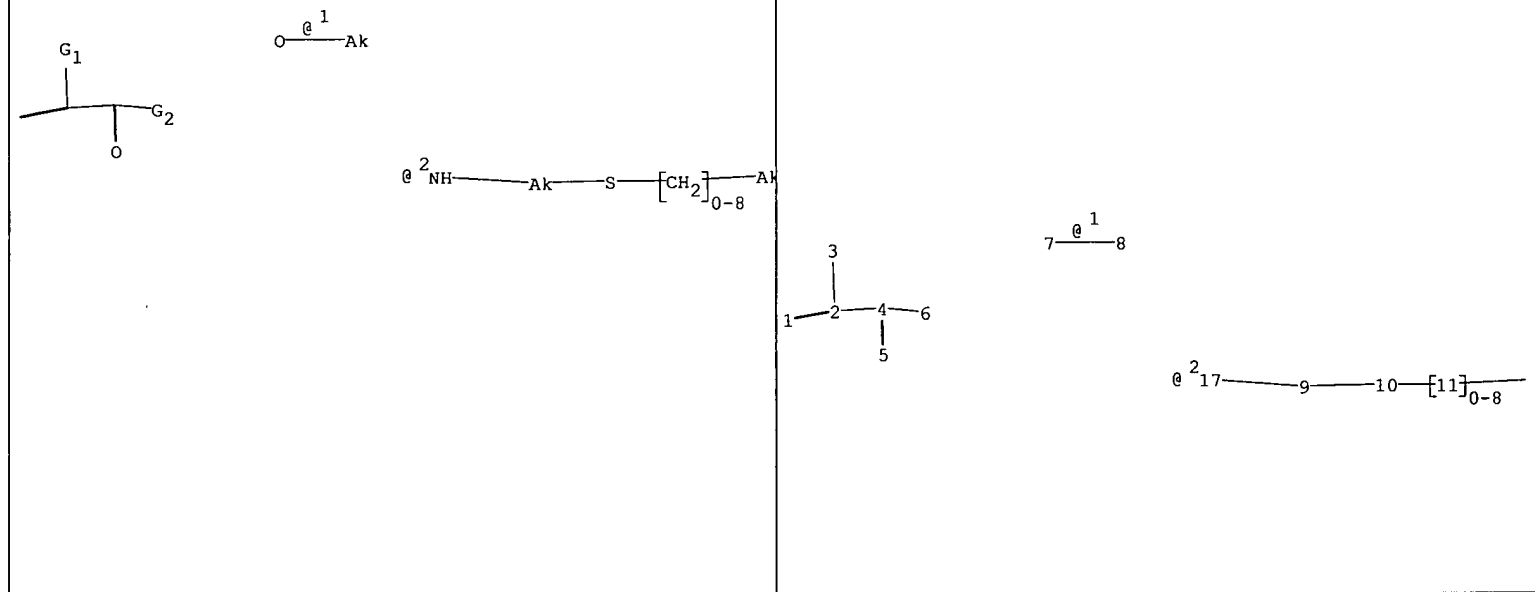
DEL HIS  
L1 SCREEN 970  
L2 STRUCTURE UPLOADED  
L3 QUE L2 AND L1  
L4 0 SEA SSS FUL L2 AND L1  
L5 SCREEN 970  
L6 STRUCTURE UPLOADED  
L7 QUE L6 AND L5  
L8 154512 SEA SSS FUL L6 AND L5

FILE 'CAPLUS' ENTERED AT 10:50:54 ON 08 MAR 2003

L9 57465 SEA L8  
L10 5 S L9 AND (SILVER OR AG) AND (LENS OR LENSES)  
D 1-5  
D 5 IALL  
D 5 IALL HITSTR  
D 1-5



H:\QUERIES\monoi.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 17

chain bonds :

1-2 2-3 2-4 4-5 4-6 7-8 9-10 9-17 10-11 11-12

exact/norm bonds :

2-3 4-5 4-6 7-8 9-10 9-17 11-12

exact bonds :

1-2 2-4 10-11

G1:H,Ak

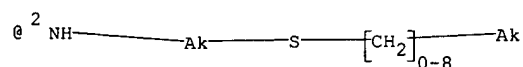
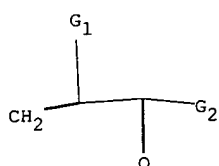
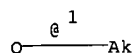
G2:Ak,[\*1],[\*2]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 17:CLASS

Generic attributes :

8:  
Number of Carbon Atoms : less than 7  
9:  
Number of Carbon Atoms : less than 7  
12:  
Number of Carbon Atoms : less than 7



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 17

chain bonds :

1-2 2-3 2-4 4-5 4-6 7-8 9-10 9-17 10-11 11-12

exact/norm bonds :

2-3 4-5 4-6 7-8 9-10 9-17 11-12

exact bonds :

1-2 2-4 10-11

G1:H,Ak

G2:Ak,[\*1],[\*2]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 17:CLASS

Generic attributes :

8:  
Number of Carbon Atoms : less than 7

9:  
Number of Carbon Atoms : less than 7

12:  
Number of Carbon Atoms : less than 7

L17 ANSWER 197 OF 197 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 15  
 ACCESSION NUMBER: 1976:91000 CAPLUS  
 DOCUMENT NUMBER: 84:91000  
 TITLE: Hydrophilic acrylamido polymers  
 INVENTOR(S): Laskey, Richard A.  
 PATENT ASSIGNEE(S): Datascope Corp., USA  
 SOURCE: U.S., 6 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 INT. PATENT CLASSIF.: C08F; C08G  
 US PATENT CLASSIF.: 260079300M  
 CLASSIFICATION: 36-3 (Plastics Manufacture and Processing)  
 Section cross-reference(s): 63  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3929741	A	19751230	US 1974-488933	19740716
JP 51019090	A2	19760216	JP 1975-78555	19750624
GB 1494803	A	19771214	GB 1975-27501	19750630
DE 2531828	A1	19760205	DE 1975-2531828	19750716

PRIORITY APPLN. INFO.: US 1974-488933 19740716

ABSTRACT:

Polymers suitable for hydrogel **contact lenses** are prepd.

from **2-acrylamido-2-methylpropanesulfonic**

**\*\*\*acid\*\*\*** (I). Thus, a mixt. of I 5, 2% aq. ammonium persulfate 4, and ethylene dimethacrylate 0.014 g was kept 20 min at 55-60.degree. to give a polymer [58374-76-8]. The hard, rigid, clear, colorless dried polymer gained 15,000% its wt. in water or 3,000% its wt. in an isotonic soln. to provide a soft, optical clear, and colorless hydrated product.

SUPPL. TERM: hydrogel acrylamidomethylpropanesulfonic polymer;  
**contact lens** polymer

INDEX TERM: Lenses  
 (contact, soft, acrylamidomethylpropanesulfonic acid polymers for)

INDEX TERM: **51121-86-9** 58374-67-7 58374-68-8 58374-70-2  
 58374-71-3 **58374-72-4** 58374-73-5 58374-74-6  
 58374-75-7 58374-76-8 58374-78-0 58374-79-1  
 58421-47-9  
 ROLE: USES (Uses)  
 (hydrogels)

L17 ANSWER 145 OF 197 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1994:9643 CAPLUS  
 DOCUMENT NUMBER: 120:9643  
 TITLE: Wettable silicone hydrogel, its preparation, and use  
 as **contact lens**  
 INVENTOR(S): Lai, Yu Chin; Valint, Paul L., Jr.  
 PATENT ASSIGNEE(S): Bausch and Lomb Inc., USA  
 SOURCE: PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 INT. PATENT CLASSIF.:  
 MAIN: C08F299-08  
 SECONDARY: G02B001-04; C08F230-08  
 CLASSIFICATION: 37-3 (Plastics Manufacture and Processing)  
 Section cross-reference(s): 63  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9305085	A1	19930318	WO 1992-US7468	19920901
W: BR, CA, JP, KR				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
EP 603268	A1	19940629	EP 1992-919299	19920901
EP 603268	B1	19961218		
R: DE, ES, FR, GB, IE, IT				
BR 9206601	A	19951017	BR 1992-6601	19920901
ES 2098531	T3	19970501	ES 1992-919299	19920901
JP 3327471	B2	20020924	JP 1993-505414	19920901
US 5451617	A	19950919	US 1993-145847	19931102
PRIORITY APPLN. INFO.:			US 1991-758647	A 19910912
			US 1992-922278	A 19920730
			WO 1992-US7468	W 19920901

ABSTRACT:  
 The title hydrogel is prepd. by polymn. of an amphoteric mixt. of acid-contg. monomer and amine-contg. monomer with a silicone-contg. monomer (e.g., siloxane-polyurethane prepolymer). **Contact lenses**, prepd. from isophorone diisocyanate, diethylene glycol, polysiloxanediol, 2-hydroxyethyl methacrylate, 3-methacryloxypropyl tris(trimethylsiloxy)silane, N,N-dimethylacrylamide, **2-acrylamido-2-\*\*\*methylpropanesulfonic\*\*\* acid**, and 3-(N,N-dimethylamino)propyl methacrylamide, had low lysozyme uptake, good hydrolytic stability (80.degree. up to 14 days), and contact angle 18.degree..

SUPPL. TERM: **contact lens** siloxane polyurethane hydrogel; wetttable siloxane polyurethane amphoteric; acrylamidomethylpropanesulfonic copolymer; dimethylaminopropyl methacrylamide copolymer  
 INDEX TERM: Wettability  
 (amphoteric group-contg. polyurethane-siloxanes with improved)  
 INDEX TERM: Siloxanes and Silicones, preparation  
 ROLE: PREP (Preparation)  
 (methacryloxybutyl-terminal, polymer with polyurethane and acrylamidomethylpropanesulfonic acid and methacryloxypropyl methacrylamide, prepn. of, for **contact lens**)  
 INDEX TERM: Lenses  
 (contact, siloxane-polyurethane, amphoteric, hydrogel, prepn. of)  
 INDEX TERM: Siloxanes and Silicones, compounds  
 ROLE: PREP (Preparation)  
 (hydroxy-terminated, polymers, with isocyanates and

glycols and acrylic monomers, prepn. of, for  
**contact lens**)

INDEX TERM: Siloxanes and Silicones, preparation  
 ROLE: PREP (Preparation)  
 (polyurethane-, amphoteric group-contg., prepn. of, for  
**contact lens**)

INDEX TERM: Urethane polymers, preparation  
 ROLE: PREP (Preparation)  
 (siloxane-, amphoteric group-contg., prepn. of, for  
**contact lens**)

INDEX TERM: 111-46-6DP, Diethylene glycol, polyurethane deriv.,  
 copolymer with acrylamidomethylpropanesulfonic acid and  
 dimethylaminopropyl methacrylamide and siloxane diol  
 868-77-9DP, 2-Hydroxyethyl methacrylate, polyurethane  
 deriv., copolymer with acrylamidomethylpropanesulfonic acid  
 and dimethylaminopropyl methacrylamide and siloxane diol  
 2680-03-7DP, N,N-Dimethylacrylamide, polymer with  
 polyurethane, siloxane diol, acrylamidomethylpropanesulfonic  
 acid and methacryloxypropyl methacrylamide 4098-71-9DP,  
 Isophorone diisocyanate, polyurethane deriv., copolymer with  
 acrylamidomethylpropanesulfonic acid and dimethylaminopropyl  
 methacrylamide and siloxane diol 5205-93-6DP, polymer with  
 polyurethane, siloxane diol, acrylate, and  
 acrylamidomethylpropanesulfonic acid **15214-89-8DP**,  
**2-Acrylamido-2-**  
**methylpropanesulfonic acid**, polymer with  
 polyurethane, siloxane diol, acrylate, and  
 methacryloxypropyl methacrylamide 17096-07-0DP, polymer  
 with polyurethane, siloxane diol,  
 acrylamidomethylpropanesulfonic acid and methacryloxypropyl  
 methacrylamide  
 ROLE: PREP (Preparation)  
 (prepn. of, for **contact lens** with  
 high wettability)

INDEX TERM: 7732-18-5  
 ROLE: USES (Uses)  
 (wettability, amphoteric group-contg.  
 polyurethane-siloxanes with improved)

L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:144220 CAPLUS  
DOCUMENT NUMBER: 120:144220  
TITLE: Preparation of antimicrobial polymers for contact  
**lenses** and containers for them  
INVENTOR(S): Ushama, Yoichi; Katagiri, Kanji; Myabayashi, Toshuki;  
Kojima, Tadao; Mogami, Takao  
PATENT ASSIGNEE(S): Seiko Epson Corp, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 18 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
INT. PATENT CLASSIF.:  
MAIN: A61L002-16  
ADDITIONAL: G02C007-04  
CLASSIFICATION: 63-7 (Pharmaceuticals)  
Section cross-reference(s): 35  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05269181	A2	19931019	JP 1992-254891	19920924
PRIORITY APPLN. INFO.:			JP 1991-243643	19910924
			JP 1991-243644	19910924
			JP 1991-345345	19911226
			JP 1992-11856	19920127
			JP 1992-11857	19920127

ABSTRACT:

Antimicrobial metal chelates are mixed with polymers or copolymer with monomers for manuf. of contact **lenses** and containers for them. For example, 2,2,3,3,4,4,4-heptafluorobutyl methacrylate-methyldi(trimethylsiloxy)silylpropyl methacrylate-ethylene glycol dimethacrylate-vinylbenzoyl acetonide zinc complex copolymer was prep'd. and its antimicrobial activity was tested against Escherichia coli.

SUPPL. TERM: contact **lens** antimicrobial acetonide metal  
chelate; container contact **lens** metal chelate  
copolymer

INDEX TERM: Bactericides, Disinfectants, and Antiseptics  
(acetonide metal chelates as, in prepn. of polymer  
comps. for contact **lenses**)

INDEX TERM: Containers  
(for contact **lenses**, antimicrobial polymers  
for)

INDEX TERM: Quaternary ammonium compounds, polymers  
ROLE: PREP (Preparation)  
(alkylbenzyltrimethyl, chlorides, vinyl group-contg.,  
polymers, with methacrylates, for prepn. of contact  
**lens**)

INDEX TERM: **Lenses**  
(contact, antimicrobial acrylic polymers for)

INDEX TERM: 9002-88-4, Polyethylene  
ROLE: BIOL (Biological study)  
(blends with Me methacrylate-vinylbenzoylacetonide  
**silver** complex copolymer, contact **lens**  
containers manuf. with)

INDEX TERM: 153296-37-8  
ROLE: BIOL (Biological study)  
(blends with polyethylene, manuf. of contact **lens**  
container with)

INDEX TERM: 93975-83-8P  
ROLE: SPN (Synthetic preparation); PREP (Preparation)

(prepn. and conversion of, to zinc acetonide)  
INDEX TERM: 152971-22-7P 152971-24-9P 152971-26-1P 153013-88-8P  
153013-90-2P  
ROLE: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. and copolymn. of, in prepn. of contact  
**lens**)

INDEX TERM: 29992-69-6P  
ROLE: RCT (Reactant); SPN (Synthetic preparation); PREP  
(Preparation); RACT (Reactant or reagent)  
(prepn. and reaction of, with Et acetate)

INDEX TERM: 55-56-1DP, Chlorhexidine, vinyl derivs., polymers with MMA  
and EGDMA and dihydroxypropyl methacrylate 80-62-6DP,  
graft polymers with dihydroxypropyl methacrylate and  
ethylene glycol dimethacrylate and benzalkonium chlorides  
97-90-5DP, graft polymers with dihydroxypropyl methacrylate  
and Me methacrylate and benzalkonium chlorides 97-90-5DP,  
polymers with hydroxyethyl methacrylate and vinyl  
group-contg. benzalkonium chlorides 868-77-9DP, polymers  
with ethylene glycol dimethacrylate and vinyl-contg.  
benzalkonium chlorides 5919-74-4DP, 2,3-Dihydroxypropyl  
methacrylate, graft polymers with Me methacrylate and  
ethylene glycol dimethacrylate and benzalkonium chlorides  
9012-76-4DP, Chitosan, reaction products with hydroxyethyl  
methacrylate-ethylene glycol dimethacrylate copolymer  
25101-19-3DP, Methyl methacrylate-triethylene glycol  
dimethacrylate copolymer, reaction products with chitosan  
acetate 42617-20-9DP, Chitosan acetate, reaction products  
with Me methacrylate-triethylene glycol dimethacrylate  
copolymer 69072-07-7DP, reaction products with acrylic  
graft copolymer, deacetylated 71092-31-4DP, reaction  
products with chitosan **152826-46-5DP**, reaction  
products with DEAE chitin, deacetylated **152826-47-6P**  
**152826-48-7P 152826-49-8P**  
**152826-50-1P 152826-51-2P**  
**152826-52-3P 152826-53-4P**  
**152826-55-6P 152826-56-7P**  
**152826-58-9P 152971-07-8P**  
**152971-08-9P 152971-23-8P**  
**152971-25-0P 153013-89-9P**  
**153013-91-3P 153013-92-4P**  
**153013-93-5P 153054-56-9P**  
**153054-57-0P 153054-58-1P**  
**153054-59-2P 153090-66-5P**  
**153090-67-6P 153296-30-1P**  
**153296-31-2P 153296-32-3P**  
**153296-33-4P 153296-34-5P**  
**153296-35-6P 153296-36-7P**  
**153347-24-1P 153347-25-2P**  
**153347-26-3P**  
ROLE: THU (Therapeutic use); BIOL (Biological study); PREP  
(Preparation); USES (Uses)  
(prepn. of, for contact **lens**)

INDEX TERM: **152826-57-8P**  
ROLE: PREP (Preparation)  
(prepn. of, for contact **lens** container)

INDEX TERM: 1331-28-8, Chlorostyrene  
ROLE: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with acetonitrile)

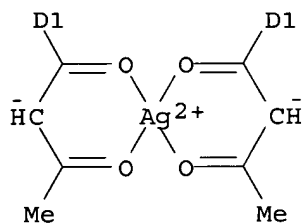
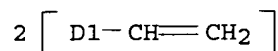
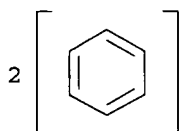
INDEX TERM: 75-05-8, Acetonitrile, reactions  
ROLE: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with chlorostyrene)

INDEX TERM: 141-78-6, Acetic acid ethyl ester, reactions  
ROLE: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with vinylphenyl Me ketone)

IT 153296-37-8  
 RL: BIOL (Biological study)  
 (blends with polyethylene, manuf. of contact lens container  
 with)  
 RN 153296-37-8 CAPLUS  
 CN Silver, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with  
 methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

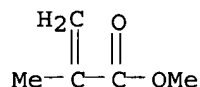
CM 1

CRN 152971-26-1  
 CMF C24 H22 Ag O4  
 CCI CCS, IDS



CM 2

CRN 80-62-6  
 CMF C5 H8 O2



IT 152826-46-5DP, reaction products with DEAE chitin, deacetylated  
 152826-47-6P 152826-48-7P 152826-49-8P  
 152826-50-1P 152826-51-2P 152826-52-3P  
 152826-53-4P 152826-55-6P 152826-56-7P  
 152826-58-9P 152971-07-8P 152971-08-9P  
 152971-23-8P 152971-25-0P 153013-89-9P  
 153013-91-3P 153013-92-4P 153013-93-5P  
 153054-56-9P 153054-57-0P 153054-58-1P  
 153054-59-2P 153090-66-5P 153090-67-6P  
 153296-30-1P 153296-31-2P 153296-32-3P  
 153296-33-4P 153296-34-5P 153296-35-6P  
 153296-36-7P 153347-24-1P 153347-25-2P  
 153347-26-3P  
 RL: THU (Therapeutic use); BIOL (Biological study); PREP (Preparation);



USES (Uses)

(prepn. of, for contact lens)

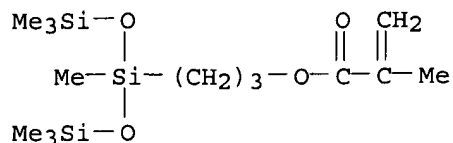
RN 152826-46-5 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with 2,2,3,3,4,4,4-heptafluorobutyl 2-methyl-2-propenoate, 2-propenoic acid and 3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate, graft (9CI) (CA INDEX NAME)

CM 1

CRN 19309-90-1

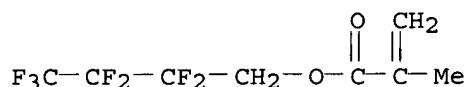
CMF C14 H32 O4 Si3



CM 2

CRN 13695-31-3

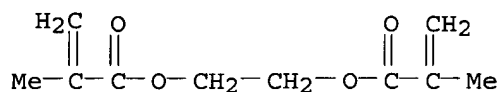
CMF C8 H7 F7 O2



CM 3

CRN 97-90-5

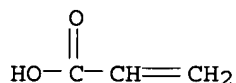
CMF C10 H14 O4



CM 4

CRN 79-10-7

CMF C3 H4 O2



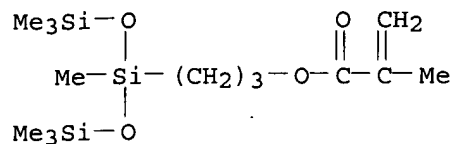
RN 152826-47-6 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide, 2,2,3,3,4,4,4-heptafluorobutyl 2-methyl-2-propenoate and 3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate, graft (9CI) (CA INDEX NAME)

CM 1

CRN 19309-90-1

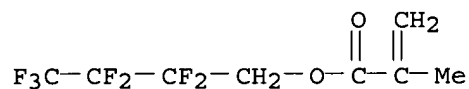
CMF C14 H32 O4 Si3



CM 2

CRN 13695-31-3

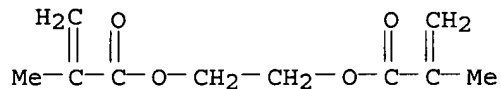
CMF C8 H7 F7 O2



CM 3

CRN 97-90-5

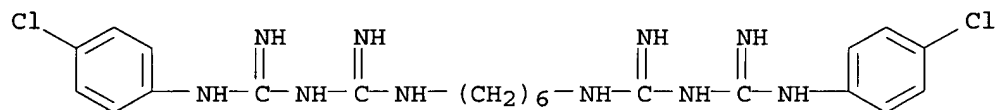
CMF C10 H14 O4



CM 4

CRN 55-56-1

CMF C22 H30 Cl2 N10



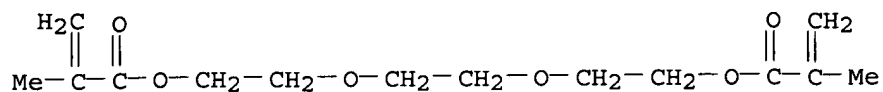
RN 152826-48-7 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester, polymer with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide and methyl 2-methyl-2-propenoate, graft (9CI) (CA INDEX NAME)

CM 1

CRN 109-16-0

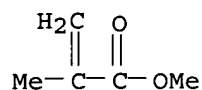
CMF C14 H22 O6



CM 2

CRN 80-62-6

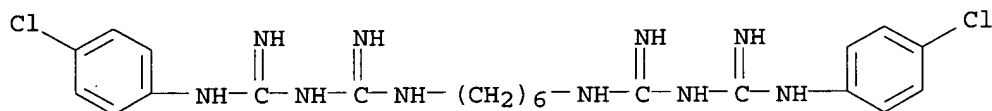
CMF C5 H8 O2



CM 3

CRN 55-56-1

CMF C22 H30 Cl2 N10



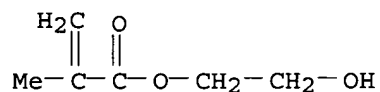
RN 152826-49-8 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with  
N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-  
tetraazatetradecanediimidamide and 2-hydroxyethyl 2-methyl-2-propenoate  
(9CI) (CA INDEX NAME)

CM 1

CRN 868-77-9

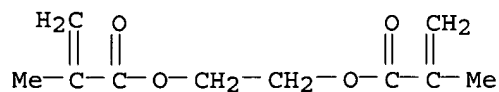
CMF C6 H10 O3



CM 2

CRN 97-90-5

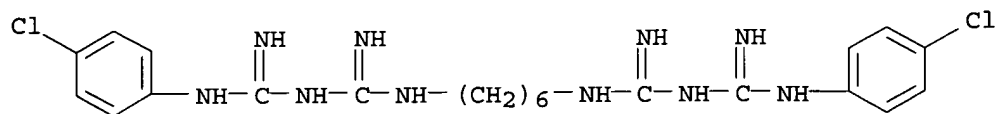
CMF C10 H14 O4



CM 3

CRN 55-56-1

CMF C22 H30 Cl2 N10

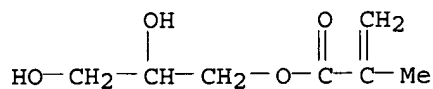


RN 152826-50-1 CAPLUS  
 CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with  
 N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-  
 tetraazatetradecanediimidamide, 2,3-dihydroxypropyl 2-methyl-2-propenoate  
 and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 5919-74-4

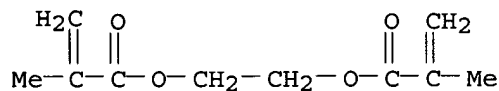
CMF C7 H12 O4



CM 2

CRN 97-90-5

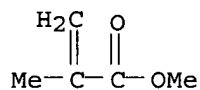
CMF C10 H14 O4



CM 3

CRN 80-62-6

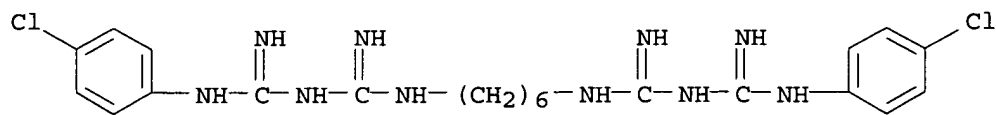
CMF C5 H8 O2



CM 4

CRN 55-56-1

CMF C22 H30 Cl2 N10



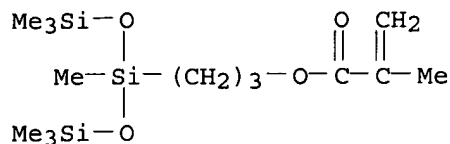
RN 152826-51-2 CAPLUS  
 CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with

7-ethoxy-3,9-acridinediamine, 2,2,3,3,4,4,4-heptafluorobutyl  
 2-methyl-2-propenoate and 3-[1,3,3,3-tetramethyl-1-  
 [(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate, graft (9CI)  
 (CA INDEX NAME)

CM 1

CRN 19309-90-1

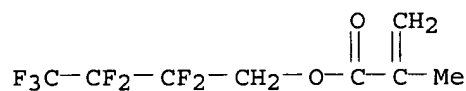
CMF C14 H32 O4 Si3



CM 2

CRN 13695-31-3

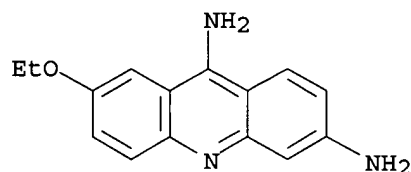
CMF C8 H7 F7 O2



CM 3

CRN 442-16-0

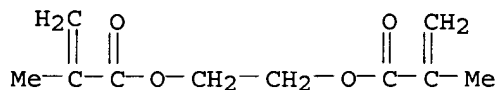
CMF C15 H15 N3 O



CM 4

CRN 97-90-5

CMF C10 H14 O4

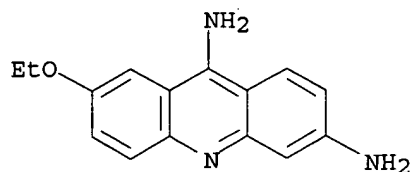


RN 152826-52-3 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester,  
 polymer with 7-ethoxy-3,9-acridinediamine and methyl 2-methyl-2-  
 propenoate, graft (9CI) (CA INDEX NAME)

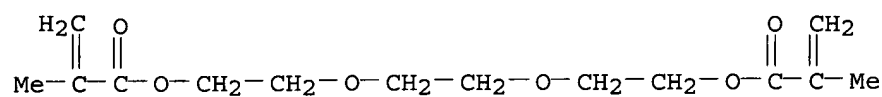
CM 1

CRN 442-16-0  
CMF C15 H15 N3 O



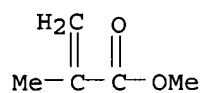
CM 2

CRN 109-16-0  
CMF C14 H22 O6



CM 3

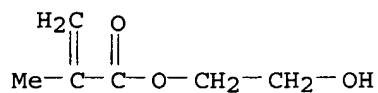
CRN 80-62-6  
CMF C5 H8 O2



RN 152826-53-4 CAPLUS  
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with  
7-ethoxy-3,9-acridinediamine and 2-hydroxyethyl 2-methyl-2-propenoate  
(9CI) (CA INDEX NAME)

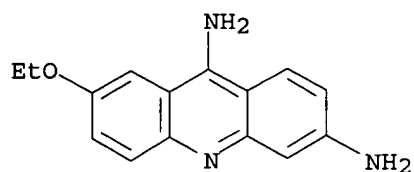
CM 1

CRN 868-77-9  
CMF C6 H10 O3



CM 2

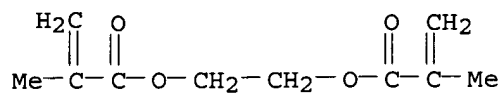
CRN 442-16-0  
CMF C15 H15 N3 O



CM 3

CRN 97-90-5

CMF C10 H14 O4



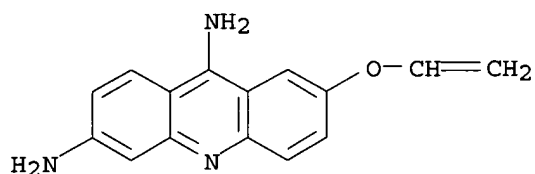
RN 152826-55-6 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with  
2,3-dihydroxypropyl 2-methyl-2-propenoate, 7-(ethenyloxy)-3,9-  
acridinediamine and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 152826-54-5

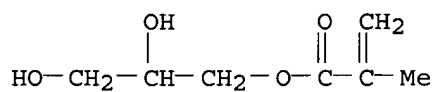
CMF C15 H13 N3 O



CM 2

CRN 5919-74-4

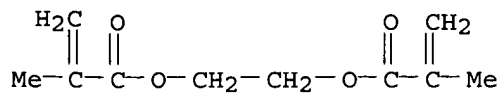
CMF C7 H12 O4



CM 3

CRN 97-90-5

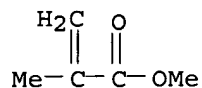
CMF C10 H14 O4



CM 4

CRN 80-62-6

CMF C5 H8 O2



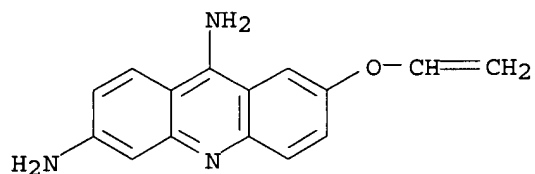
RN 152826-56-7 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with  
N,N-dimethyl-2-propenamide, 7-(ethenyloxy)-3,9-acridinediamine,  
2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate  
(9CI) (CA INDEX NAME)

CM 1

CRN 152826-54-5

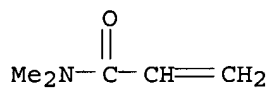
CMF C15 H13 N3 O



CM 2

CRN 2680-03-7

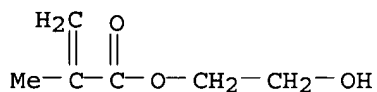
CMF C5 H9 N O



CM 3

CRN 868-77-9

CMF C6 H10 O3

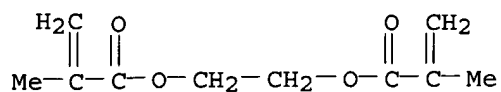


CM 4

CRN 97-90-5

CMF C10 H14 O4

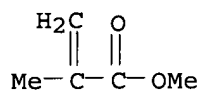




CM 5

CRN 80-62-6

CMF C5 H8 O2



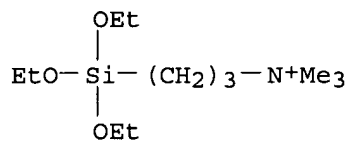
RN 152826-58-9 CAPLUS

CN 1-Propanaminium, N,N,N-trimethyl-3-(triethoxysilyl)-, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), 2,2,3,3,4,4,4-heptafluorobutyl 2-methyl-2-propenoate and 3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 48070-34-4

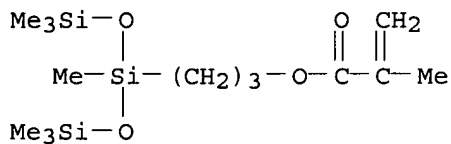
CMF C12 H30 N O3 Si



CM 2

CRN 19309-90-1

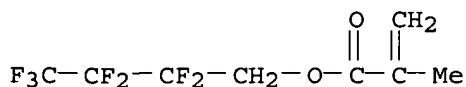
CMF C14 H32 O4 Si3



CM 3

CRN 13695-31-3

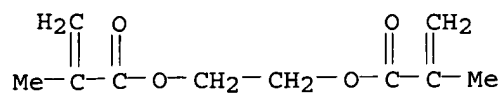
CMF C8 H7 F7 O2



CM 4

CRN 97-90-5

CMF C10 H14 O4



RN 152971-07-8 CAPLUS

CN Benzenemethanaminium, ar-ethenyl-N,N-dimethyl-N-[2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethyl]-, chloride, polymer with 1,2-ethanediylbis(oxy-2,1-ethanediyl) bis(2-methyl-2-propenoate) and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

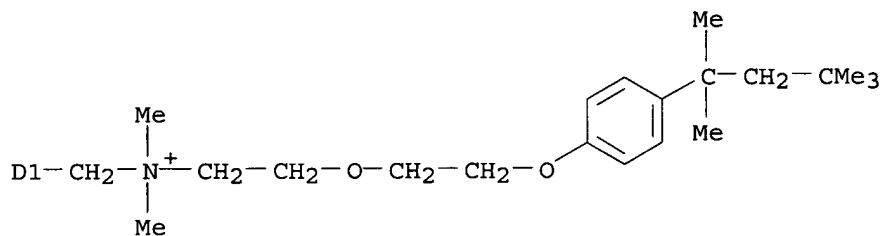
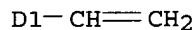
CM 1

CRN 152971-06-7

CMF C29 H44 N O2 . Cl

CCI IDS

PAGE 1-A



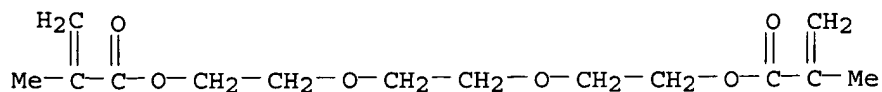
PAGE 2-A



CM 2

CRN 109-16-0

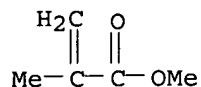
CMF C14 H22 O6



CM 3

CRN 80-62-6

CMF C5 H8 O2



RN 152971-08-9 CAPLUS

CN Benzenemethanaminium, ar-ethenyl-N,N-dimethyl-N-[2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]ethyl]-, chloride, polymer with 2,3-dihydroxypropyl 2-methyl-2-propenoate, 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

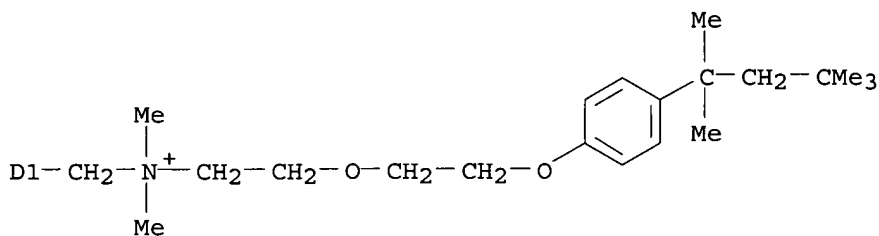
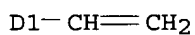
CM 1

CRN 152971-06-7

CMF C29 H44 N O2 . Cl

CCI IDS

PAGE 1-A



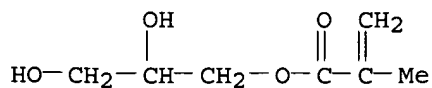
PAGE 2-A

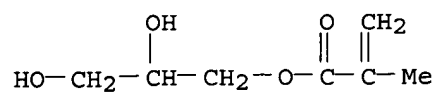


CM 2

CRN 5919-74-4

CMF C7 H12 O4

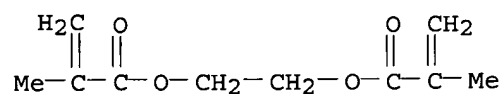




CM 3

CRN 97-90-5

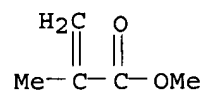
CMF C10 H14 O4



CM 4

CRN 80-62-6

CMF C5 H8 O2



RN 152971-23-8 CAPLUS

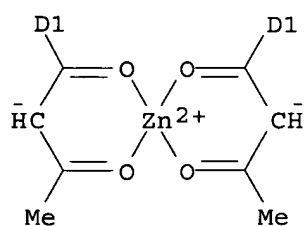
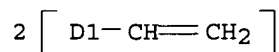
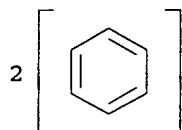
CN Zinc, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), 2,2,3,3,4,4,4-heptafluorobutyl 2-methyl-2-propenoate and 3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

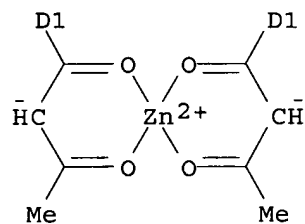
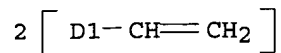
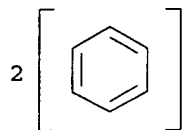
CM 1

CRN 152971-22-7

CMF C24 H22 O4 Zn

CCI CCS, IDS

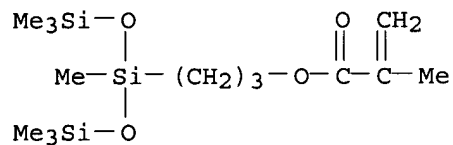




CM 2

CRN 19309-90-1

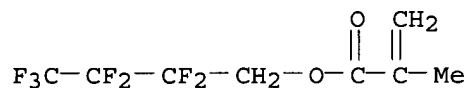
CMF C14 H32 O4 Si3



CM 3

CRN 13695-31-3

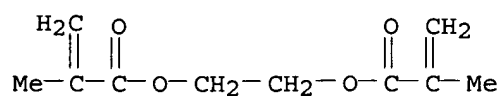
CMF C8 H7 F7 O2



CM 4

CRN 97-90-5

CMF C10 H14 O4



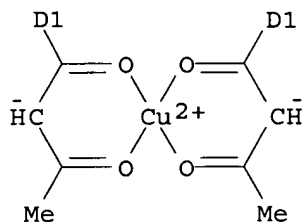
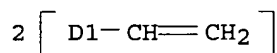
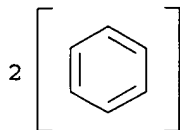
RN 152971-25-0 CAPLUS

CN Copper, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), 2,2,3,3,4,4,4-heptafluorobutyl

2-methyl-2-propenoate and 3-[1,3,3,3-tetramethyl-1-  
 [(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate (9CI) (CA  
 INDEX NAME)

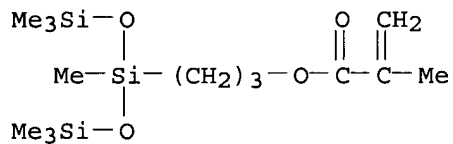
CM 1

CRN 152971-24-9  
 CMF C24 H22 Cu O4  
 CCI CCS, IDS



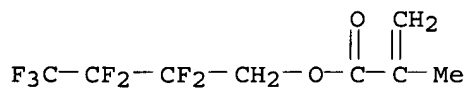
CM 2

CRN 19309-90-1  
 CMF C14 H32 O4 Si3



CM 3

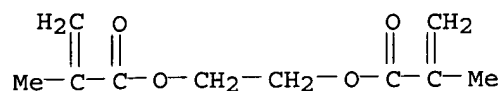
CRN 13695-31-3  
 CMF C8 H7 F7 O2



CM 4

CRN 97-90-5

CMF C10 H14 O4



RN 153013-89-9 CAPLUS

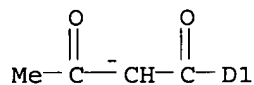
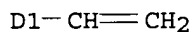
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with  
1-(ethenylphenyl)-1,3-butanedione ion(1-) germanium(2+),  
2,2,3,3,4,4,4-heptafluorobutyl 2-methyl-2-propenoate and  
3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl  
2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 153013-88-8

CMF C12 H11 O2 . 1/2 Ge

CCI IDS

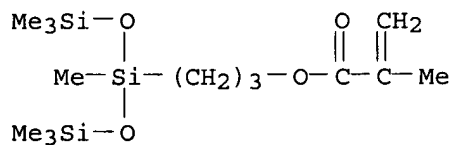


1/2 Ge(II) 2+

CM 2

CRN 19309-90-1

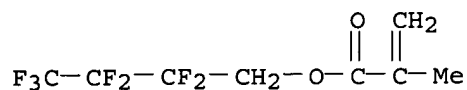
CMF C14 H32 O4 Si3



CM 3

CRN 13695-31-3

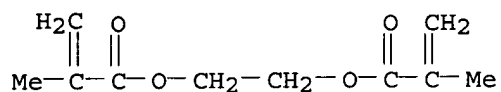
CMF C8 H7 F7 O2



CM 4

CRN 97-90-5

CMF C10 H14 O4



RN 153013-91-3 CAPLUS

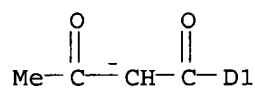
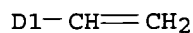
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with 1-(ethenylphenyl)-1,3-butanedione ion(1-) tin(2+), 2,2,3,3,4,4,4-heptafluorobutyl 2-methyl-2-propenoate and 3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 153013-90-2

CMF C12 H11 O2 . 1/2 Sn

CCI IDS

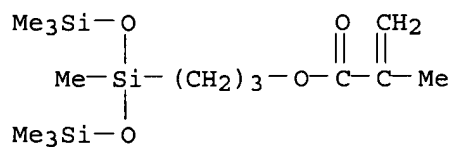


1/2 Sn(II) 2+

CM 2

CRN 19309-90-1

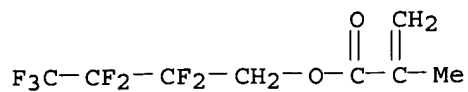
CMF C14 H32 O4 Si3





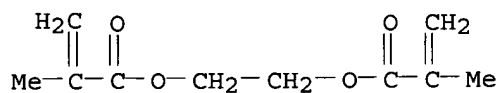
CM 3

CRN 13695-31-3  
CMF C8 H7 F7 O2



CM 4

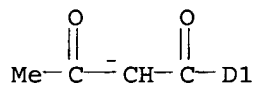
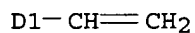
CRN 97-90-5  
CMF C10 H14 O4



RN 153013-92-4 CAPLUS  
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester,  
polymer with 1-(ethenylphenyl)-1,3-butanedione ion(1-) germanium(2+) and  
methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

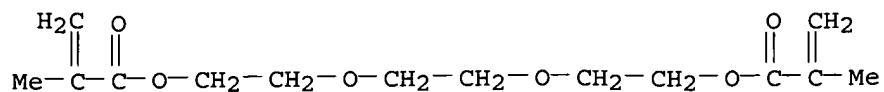
CRN 153013-88-8  
CMF C12 H11 O2 . 1/2 Ge  
CCI IDS



1/2 Ge(II) 2+

CM 2

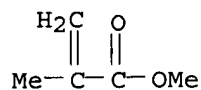
CRN 109-16-0  
CMF C14 H22 O6



CM 3

CRN 80-62-6

CMF C5 H8 O2



RN 153013-93-5 CAPLUS

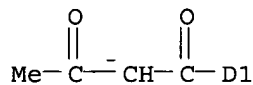
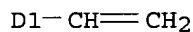
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediylbis(oxy-2,1-ethanediyl) ester, polymer with 1-(ethenylphenyl)-1,3-butanedione ion(1-) tin(2+) and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 153013-90-2

CMF C12 H11 O2 . 1/2 Sn

CCI IDS

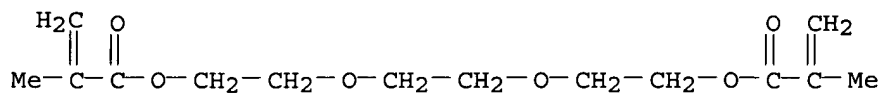


1/2 Sn(II) 2+

CM 2

CRN 109-16-0

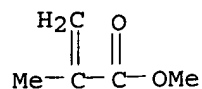
CMF C14 H22 O6



CM 3

CRN 80-62-6

CMF C5 H8 O2



RN 153054-56-9 CAPLUS

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with  
1-(ethenylphenyl)-1,3-butanedione ion(1-) germanium(2+), 2-hydroxyethyl  
2-methyl-2-propenoate and methyl 2-methyl-2-propenoate (9CI) (CA INDEX  
NAME)

CM 1

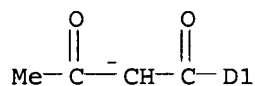
CRN 153013-88-8

CMF C12 H11 O2 . 1/2 Ge

CCI IDS



D1-CH=CH2

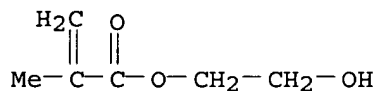


1/2 Ge(II) 2+

CM 2

CRN 868-77-9

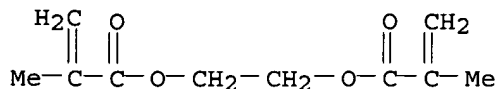
CMF C6 H10 O3



CM 3

CRN 97-90-5

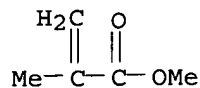
CMF C10 H14 O4



CM 4

CRN 80-62-6

CMF C5 H8 O2



RN 153054-57-0 CAPLUS

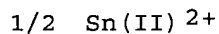
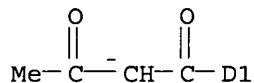
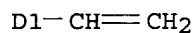
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with  
1-(ethenylphenyl)-1,3-butanedione ion(1-) tin(2+), 2-hydroxyethyl  
2-methyl-2-propenoate and methyl 2-methyl-2-propenoate (9CI) (CA INDEX  
NAME)

CM 1

CRN 153013-90-2

CMF C12 H11 O2 . 1/2 Sn

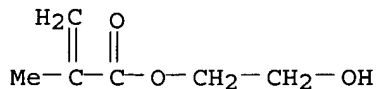
CCI IDS



CM 2

CRN 868-77-9

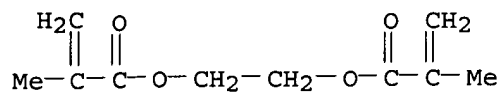
CMF C6 H10 O3



CM 3

CRN 97-90-5

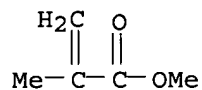
CMF C10 H14 O4



CM 4

CRN 80-62-6

CMF C5 H8 O2



RN 153054-58-1 CAPLUS

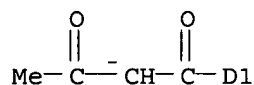
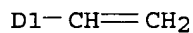
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with 2,3-dihydroxypropyl 2-methyl-2-propenoate, 1-(ethenylphenyl)-1,3-butanedione ion(1-) germanium(2+) and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 153013-88-8

CMF C12 H11 O2 . 1/2 Ge

CCI IDS

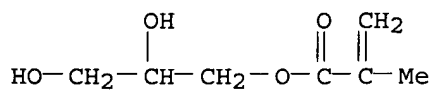


1/2 Ge(II) 2+

CM 2

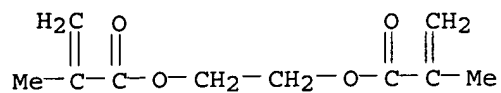
CRN 5919-74-4

CMF C7 H12 O4



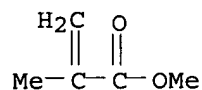
CM 3

CRN 97-90-5  
CMF C10 H14 O4



CM 4

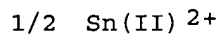
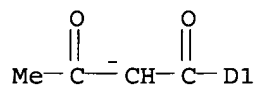
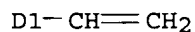
CRN 80-62-6  
CMF C5 H8 O2



RN 153054-59-2 CAPLUS  
CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with  
2,3-dihydroxypropyl 2-methyl-2-propenoate, 1-(ethenylphenyl)-1,3-  
butanedione ion(1-) tin(2+) and methyl 2-methyl-2-propenoate (9CI) (CA  
INDEX NAME)

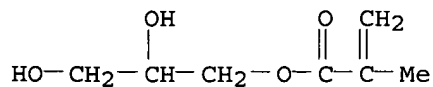
CM 1

CRN 153013-90-2  
CMF C12 H11 O2 . 1/2 Sn  
CCI IDS



CM 2

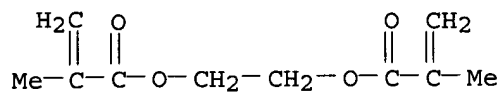
CRN 5919-74-4  
CMF C7 H12 O4



CM 3

CRN 97-90-5

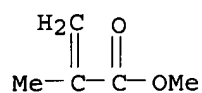
CMF C10 H14 O4



CM 4

CRN 80-62-6

CMF C5 H8 O2



RN 153090-66-5 CAPLUS

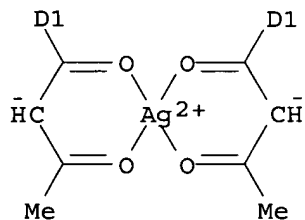
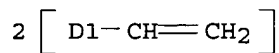
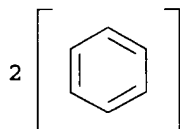
CN Silver, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), 2,2,3,3,4,4,4-heptafluorobutyl 2-methyl-2-propenoate and 3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate, graft (9CI)  
(CA INDEX NAME)

CM 1

CRN 152971-26-1

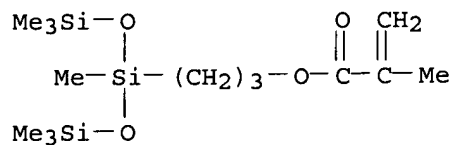
CMF C24 H22 Ag O4

CCI CCS, IDS



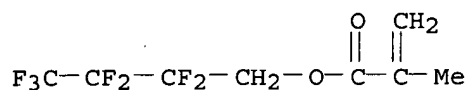
CM 2

CRN 19309-90-1  
CMF C14 H32 O4 Si3



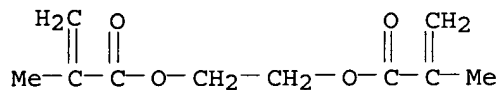
CM 3

CRN 13695-31-3  
CMF C8 H7 F7 O2



CM 4

CRN 97-90-5  
CMF C10 H14 O4

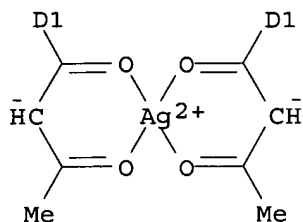
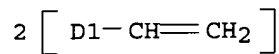
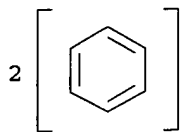


RN 153090-67-6 CAPLUS  
CN Silver, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with 2,3-dihydroxypropyl 2-methyl-2-propenoate, 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl 2-methyl-2-propenoate, graft (9CI) (CA INDEX NAME)

CM 1

CRN 152971-26-1  
CMF C24 H22 Ag O4  
CCI CCS, IDS

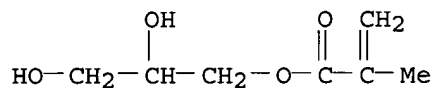




CM 2

CRN 5919-74-4

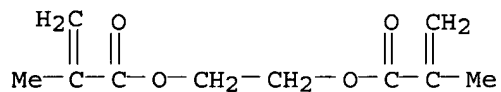
CMF C7 H12 O4



CM 3

CRN 97-90-5

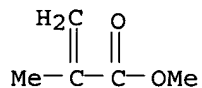
CMF C10 H14 O4



CM 4

CRN 80-62-6

CMF C5 H8 O2



RN 153296-30-1 CAPLUS

CN Silver, bis[1-(ethenylphenyl)-1,3-butanedionato-0,0']-, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), 2,2,3,3,4,4,4-heptafluorobutyl 2-methyl-2-propenoate and 3-[1,3,3,3-tetramethyl-1-[(trimethylsilyl)oxy]disiloxanyl]propyl 2-methyl-2-propenoate (9CI) (CA

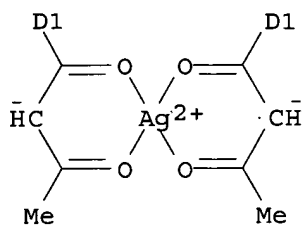
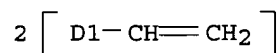
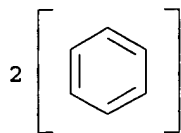
INDEX NAME)

CM 1

CRN 152971-26-1

CMF C24 H22 Ag O4

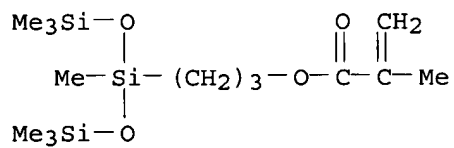
CCI CCS, IDS



CM 2

CRN 19309-90-1

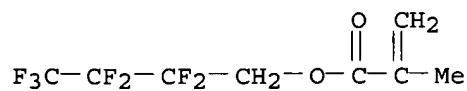
CMF C14 H32 O4 Si3



CM 3

CRN 13695-31-3

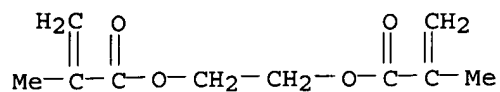
CMF C8 H7 F7 O2



CM 4

CRN 97-90-5

CMF C10 H14 O4



RN 153296-31-2 CAPLUS

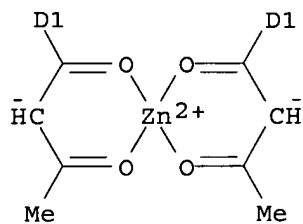
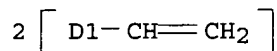
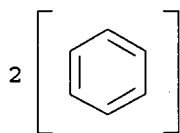
CN Zinc, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with 1,2-ethanediylbis(oxy-2,1-ethanediyl) bis(2-methyl-2-propenoate) and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 152971-22-7

CMF C24 H22 O4 Zn

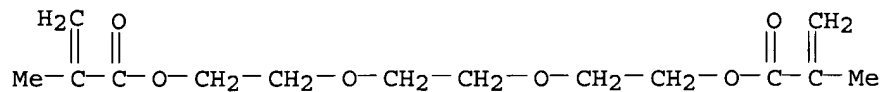
CCI CCS, IDS



CM 2

CRN 109-16-0

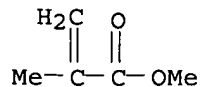
CMF C14 H22 O6



CM 3

CRN 80-62-6

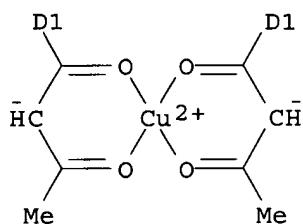
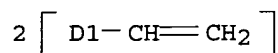
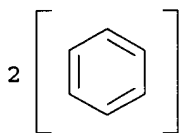
CMF C5 H8 O2



RN 153296-32-3 CAPLUS  
 CN Copper, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with  
 1,2-ethanediylbis(oxy-2,1-ethanediyl) bis(2-methyl-2-propenoate) and  
 methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

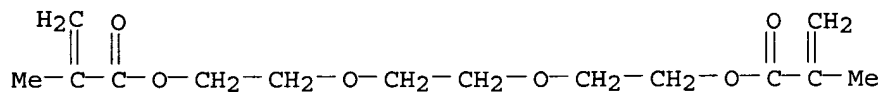
CM 1

CRN 152971-24-9  
 CMF C24 H22 Cu O4  
 CCI CCS, IDS



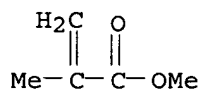
CM 2

CRN 109-16-0  
 CMF C14 H22 O6



CM 3

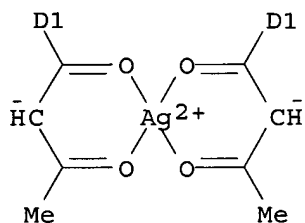
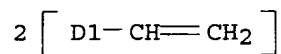
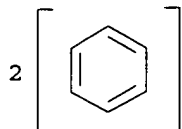
CRN 80-62-6  
 CMF C5 H8 O2



RN 153296-33-4 CAPLUS  
 CN Silver, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with  
 1,2-ethanediylbis(oxy-2,1-ethanediyl) bis(2-methyl-2-propenoate) and  
 methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

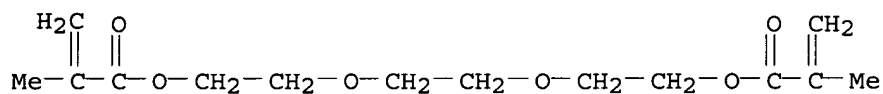
CM 1

CRN 152971-26-1  
CMF C24 H22 Ag O4  
CCI CCS, IDS



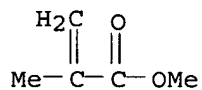
CM 2

CRN 109-16-0  
CMF C14 H22 O6



CM 3

CRN 80-62-6  
CMF C5 H8 O2

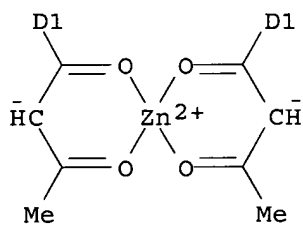
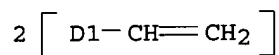
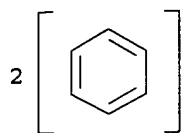


RN 153296-34-5 CAPLUS  
CN Zinc, bis[1-(ethenylphenyl)-1,3-butanedionato-0,0']-, polymer with  
1,2-ethanediyl bis(2-methyl-2-propenoate), 2-hydroxyethyl  
2-methyl-2-propenoate and methyl 2-methyl-2-propenoate (9CI) (CA INDEX  
NAME)

CM 1

CRN 152971-22-7  
CMF C24 H22 O4 Zn

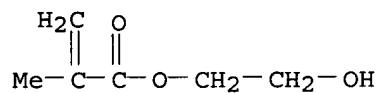
CCI CCS, IDS



CM 2

CRN 868-77-9

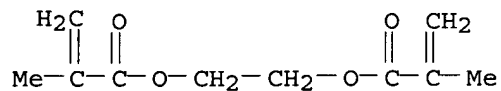
CMF C6 H10 O3



CM 3

CRN 97-90-5

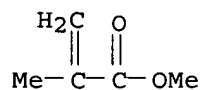
CMF C10 H14 O4



CM 4

CRN 80-62-6

CMF C5 H8 O2



RN 153296-35-6 CAPLUS

CN Copper, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with

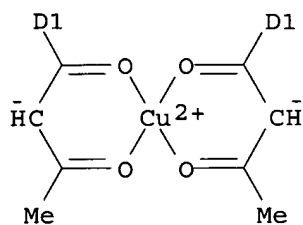
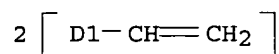
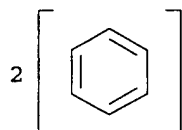
1,2-ethanediyl bis(2-methyl-2-propenoate), 2-hydroxyethyl  
 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate (9CI) (CA INDEX  
 NAME)

CM 1

CRN 152971-24-9

CMF C24 H22 Cu O4

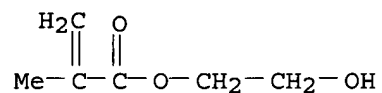
CCI CCS, IDS



CM 2

CRN 868-77-9

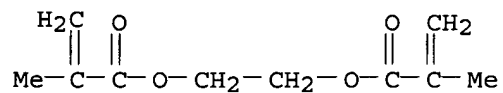
CMF C6 H10 O3



CM 3

CRN 97-90-5

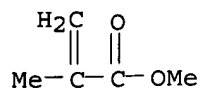
CMF C10 H14 O4



CM 4

CRN 80-62-6

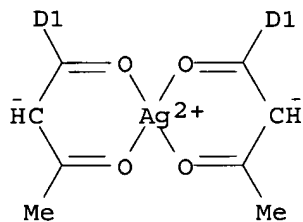
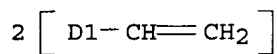
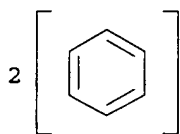
CMF C5 H8 O2



RN 153296-36-7 CAPLUS  
 CN Silver, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with  
 1,2-ethanediyl bis(2-methyl-2-propenoate), 2-hydroxyethyl  
 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate (9CI) (CA INDEX  
 NAME)

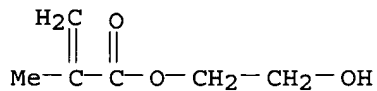
CM 1

CRN 152971-26-1  
 CMF C24 H22 Ag O4  
 CCI CCS, IDS



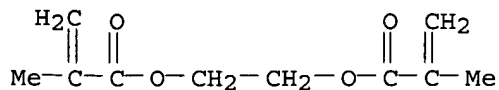
CM 2

CRN 868-77-9  
 CMF C6 H10 O3

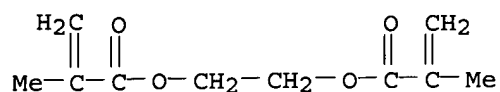


CM 3

CRN 97-90-5  
 CMF C10 H14 O4



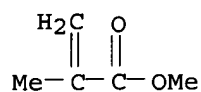




CM 4

CRN 80-62-6

CMF C5 H8 O2



RN 153347-24-1 CAPLUS

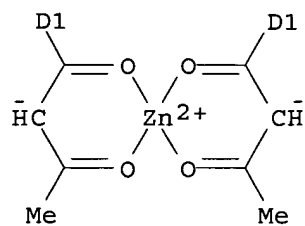
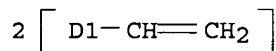
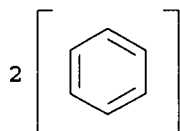
CN Zinc, bis[1-(ethenylphenyl)-1,3-butanedionato-0,0']-, polymer with 2,3-dihydroxypropyl 2-methyl-2-propenoate, 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 152971-22-7

CMF C24 H22 O4 Zn

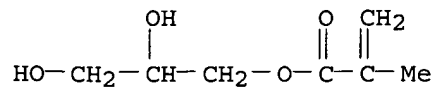
CCI CCS, IDS



CM 2

CRN 5919-74-4

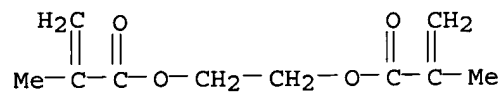
CMF C7 H12 O4



CM 3

CRN 97-90-5

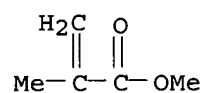
CMF C10 H14 O4



CM 4

CRN 80-62-6

CMF C5 H8 O2



RN 153347-25-2 CAPLUS

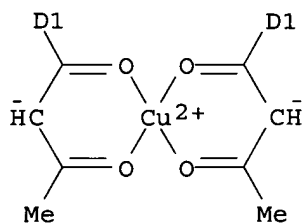
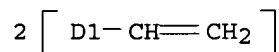
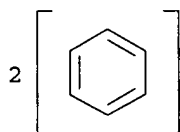
CN Copper, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with 2,3-dihydroxypropyl 2-methyl-2-propenoate, 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 152971-24-9

CMF C24 H22 Cu O4

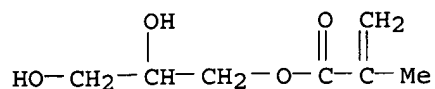
CCI CCS, IDS



CM 2

CRN 5919-74-4

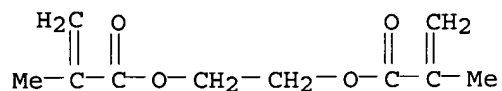
CMF C7 H12 O4



CM 3

CRN 97-90-5

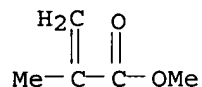
CMF C10 H14 O4



CM 4

CRN 80-62-6

CMF C5 H8 O2



RN 153347-26-3 CAPLUS

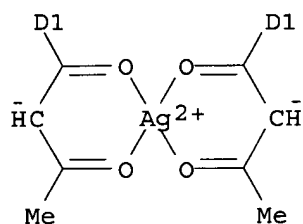
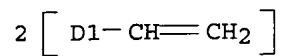
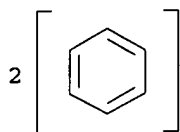
CN Silver, bis[1-(ethenylphenyl)-1,3-butanedionato-O,O']-, polymer with 2,3-dihydroxypropyl 2-methyl-2-propenoate, 1,2-ethanediyl bis(2-methyl-2-propenoate) and methyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 152971-26-1

CMF C24 H22 Ag O4

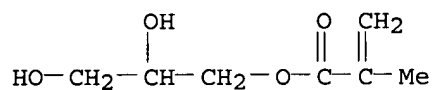
CCI CCS, IDS



CM 2

CRN 5919-74-4

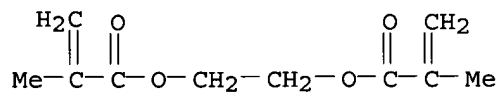
CMF C7 H12 O4



CM 3

CRN 97-90-5

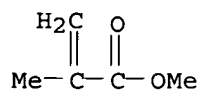
CMF C10 H14 O4



CM 4

CRN 80-62-6

CMF C5 H8 O2



IT 152826-57-8P

RL: PREP (Preparation)

(prepn. of, for contact lens container)

RN 152826-57-8 CAPLUS

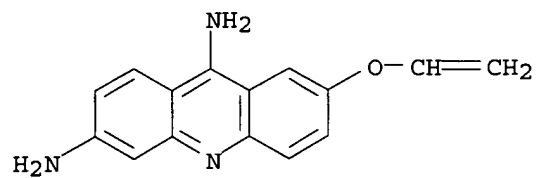
CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with

7-(ethenyloxy)-3,9-acridinediamine (9CI) (CA INDEX NAME)

CM 1

CRN 152826-54-5

CMF C15 H13 N3 O



CM 2

CRN 80-62-6

CMF C5 H8 O2

